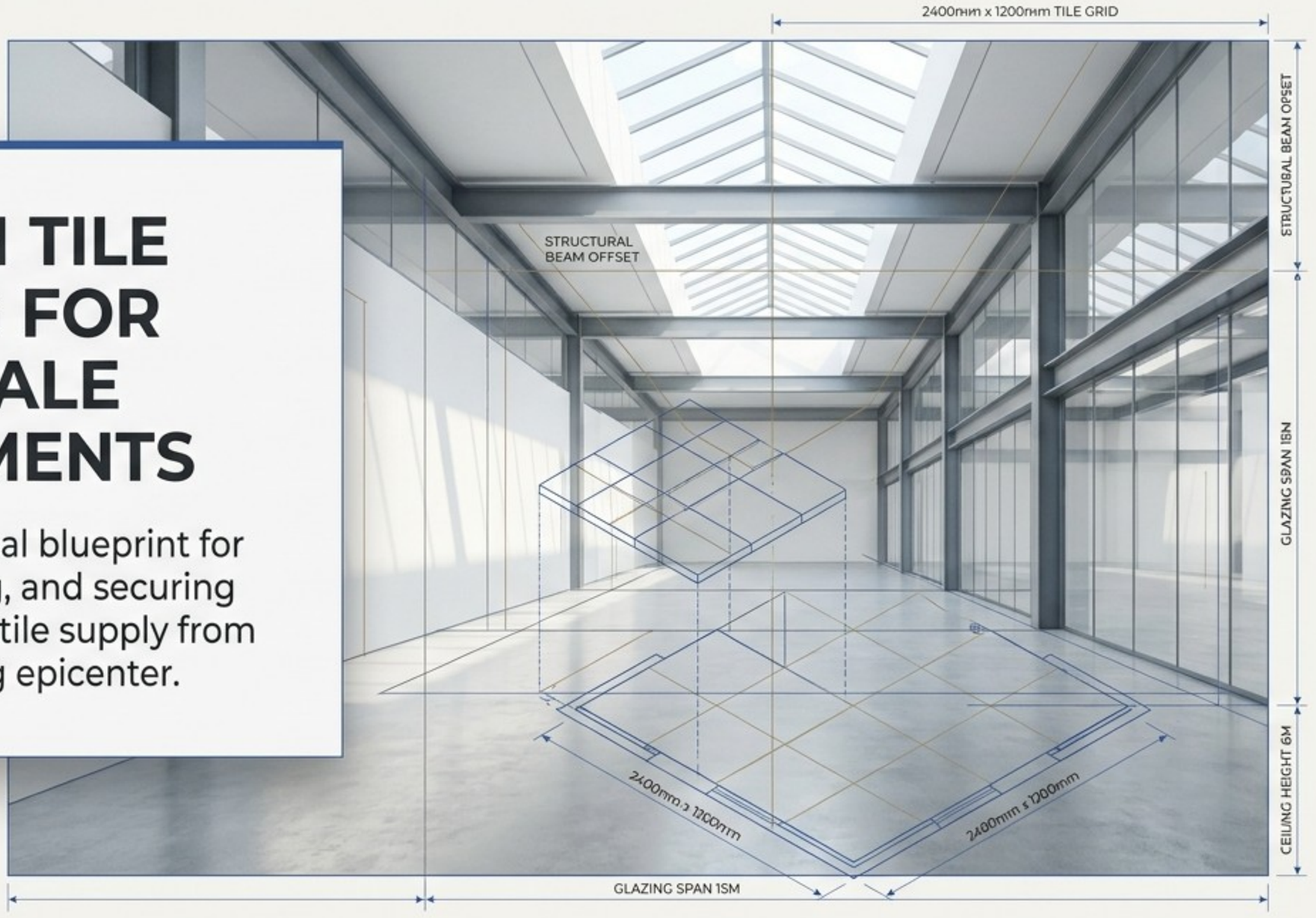
PRECISION TILE SOURCING FOR LARGE-SCALE DEVELOPMENTS

The definitive technical blueprint for evaluating, specifying, and securing high-volume vitrified tile supply from India's manufacturing epicenter.



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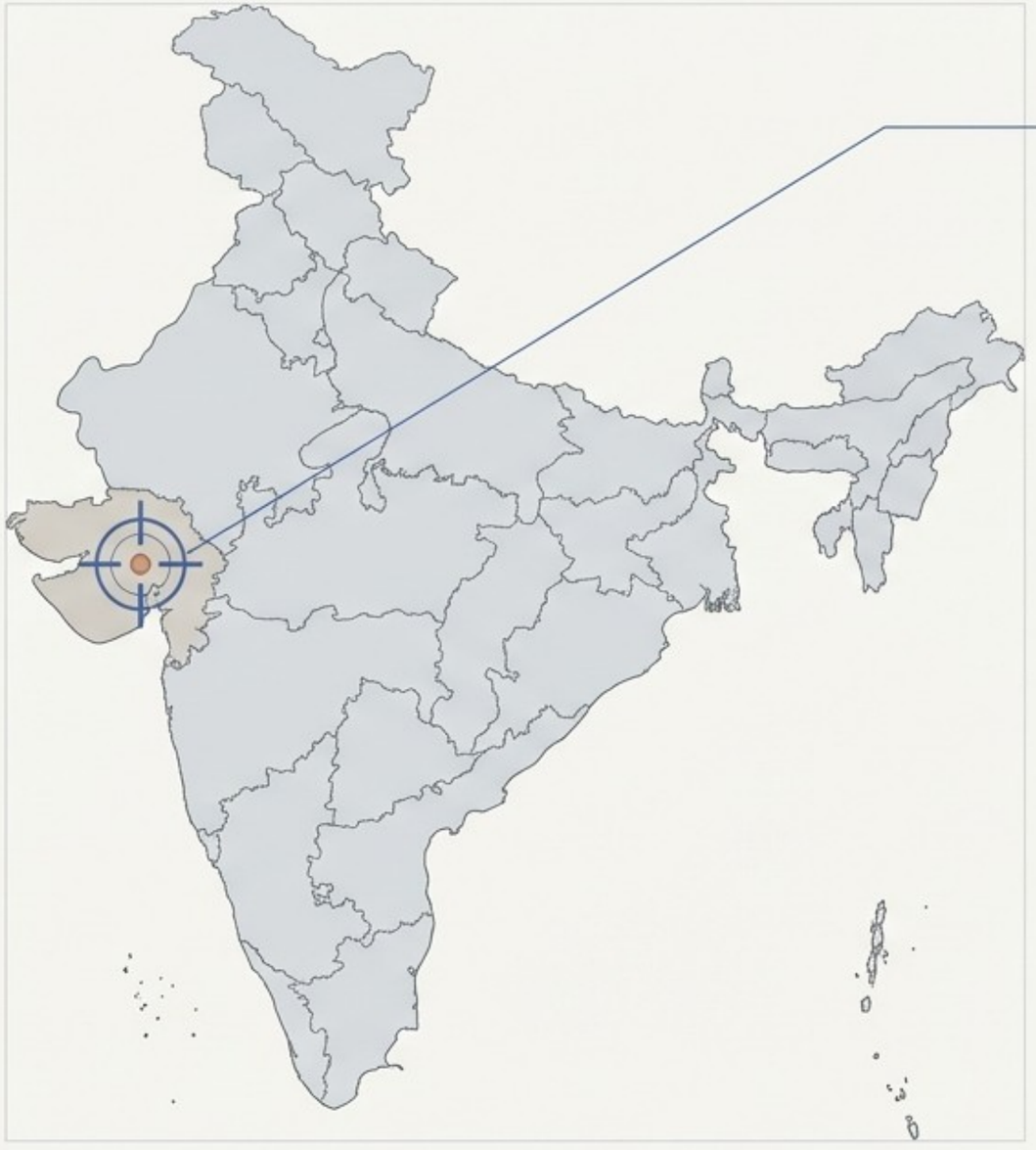

The Global Epicenter of Ceramic Engineering

Morbi, Gujarat operates as a highly integrated industrial ecosystem, combining raw material proximity, scaled infrastructure, and export-tested manufacturing capabilities.

80%

Share of India's total ceramic tile production

1,500+

Active manufacturing factories in the district

160+

Countries receiving direct Morbi exports

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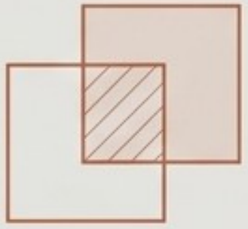
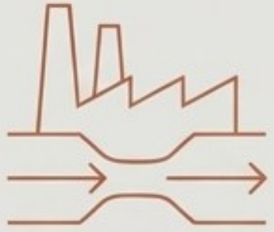
The High Cost of Uncalibrated Sourcing

Sourcing based exclusively on bottom-line pricing in a highly saturated market introduces hidden, compounding project risks.



Quality Variance

Inconsistent production runs lead to visible shade variations (Delta E fluctuations) when tiles are laid side by side.



Capacity Constraints

Vendors lacking true high-volume infrastructure cause catastrophic delivery delays during phased project rollouts.

Logistical Attrition

Substandard freight handling and unreinforced packaging drive up direct project costs through high transit breakage rates.

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Technical Primer: Vitrified Tile Specifications

Aligning specific vitrified engineering processes with their intended architectural applications.

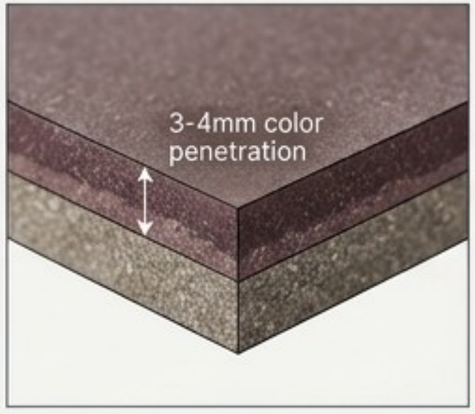
GVT (Glazed Vitrified)

Process
Fused decorative glaze layer

Spec
<0.5% water absorption (IS 15622)

Application
Residential lobbies, bedrooms, retail showrooms.

DCVT (Double-Charged)

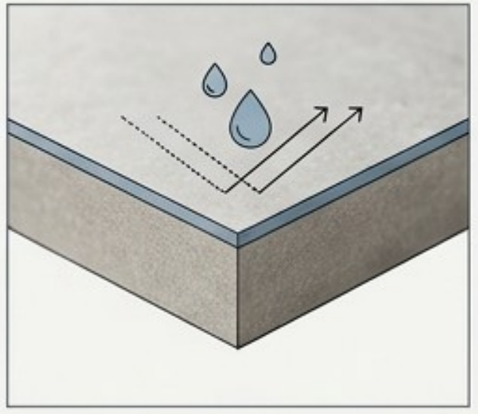


Process
Pressed dual-layer pigmented granules

Spec
3-4mm color penetration, >1,350 N breaking strength

Application
High-footfall corridors, car parks, hospitals.

Nano Vitrified

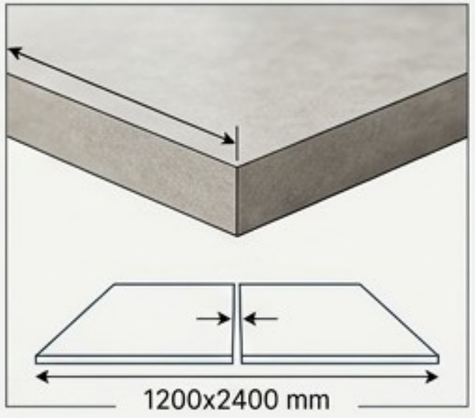


Process
Post-production hydrophobic nano-particle coating

Spec
Extreme stain resistance

Application
Commercial kitchens, healthcare environments.

Porcelain Slabs



Process
Large-format pressing (up to 1200x2400 mm)

Spec
Minimized grout joints

Application
Luxury residential and seamless premium commercial spaces.

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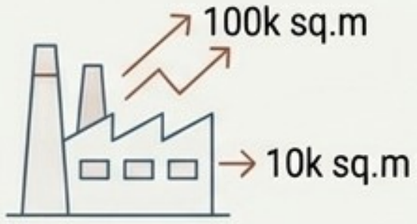
The 6-Pillar Procurement Framework

Standardizing the evaluation criteria to ensure supply chain reliability for bulk project orders.

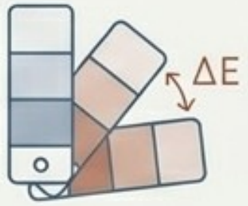
01



Production Scale

Verifying daily output figures (e.g., 100,000 sq.m vs 10,000 sq.m).

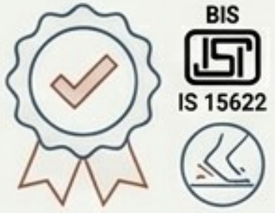
02



Batch Consistency

Auditing protocols for shade variation and Delta E control.

03



BIS Standards

Ensuring compliance with IS 15622 (Mohs hardness, slip resistance).

04

Portfolio Range

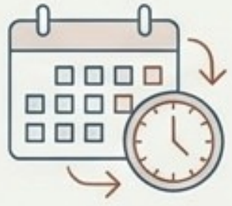
Assessing single-vendor capability to reduce coordination overhead.

05

Logistics Engineering

Evaluating transit breakage rates and export-grade packaging.

06



Lead Time Reliability

Tracking historical delivery consistency against the 15-30 day Morbi average.

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Orkay Tiles Provides Scale and Precision

Operating at the intersection of affordable luxury and industrial reliability. Orkay translates 26+ years of specialized engineering into seamless fulfillment for domestic and international project developers.

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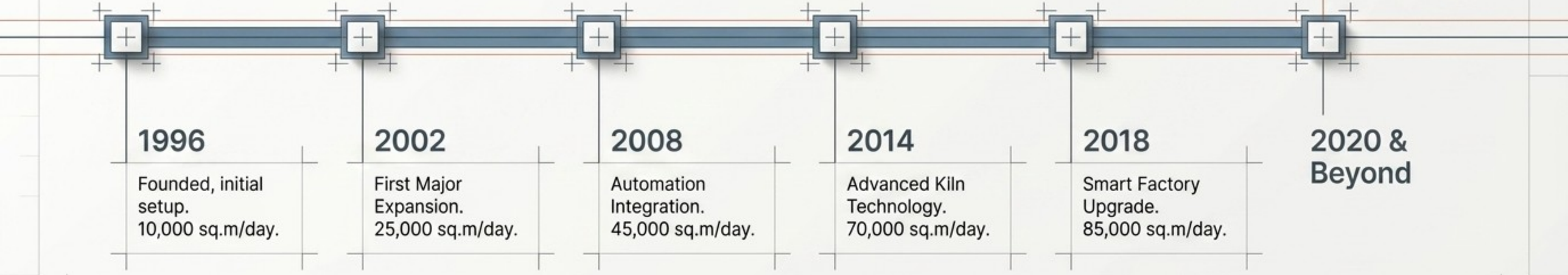
Decades of Scaled Engineering Capacity

Established in 1996, Orkay's production infrastructure has expanded relentlessly to eliminate supply gaps for mega-scale developers.

100,000 sq.m / day active capacity.

Sustained daily output for large-scale projects.



1996

Founded, initial setup.
10,000 sq.m/day.

2002

First Major Expansion.
25,000 sq.m/day.

2008

Automation Integration.
45,000 sq.m/day.

2014

Advanced Kiln Technology.
70,000 sq.m/day.

2018

Smart Factory Upgrade.
85,000 sq.m/day.

2020 & Beyond

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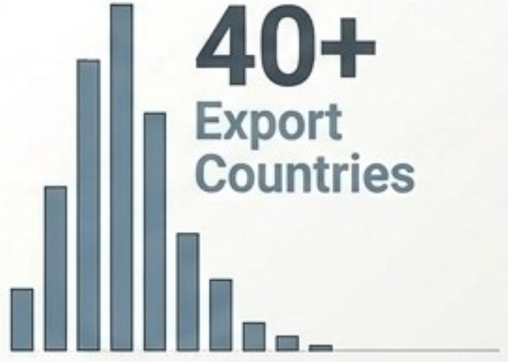
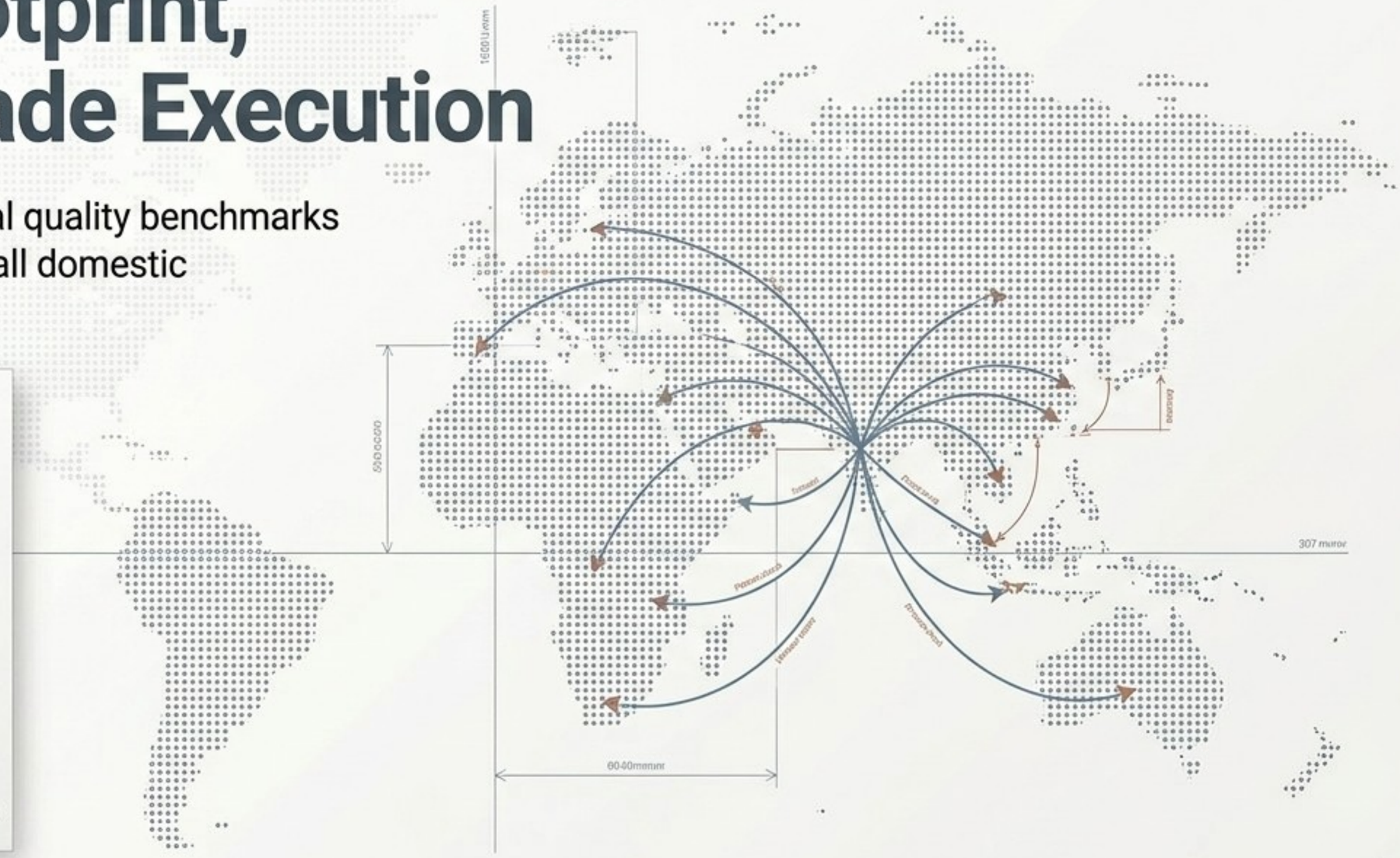
Global Footprint, Export-Grade Execution

Meeting strict international quality benchmarks elevates the standard for all domestic project sourcing.



40+
Export Countries

International buyers demand absolute compliance. Our domestic B2B partners inherit these exact same export-tested quality standards.



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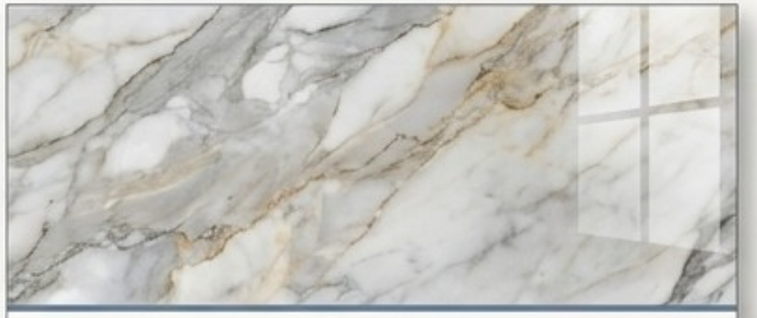
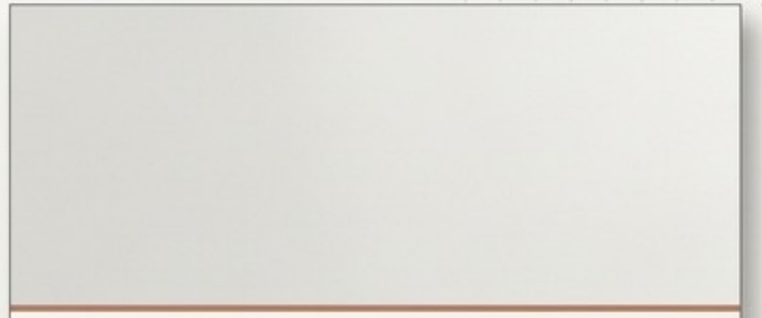
Full-Spectrum Sourcing Under One Roof

Consolidating project requirements into a single, centralized purchase order.

Ceramic Wall Tiles



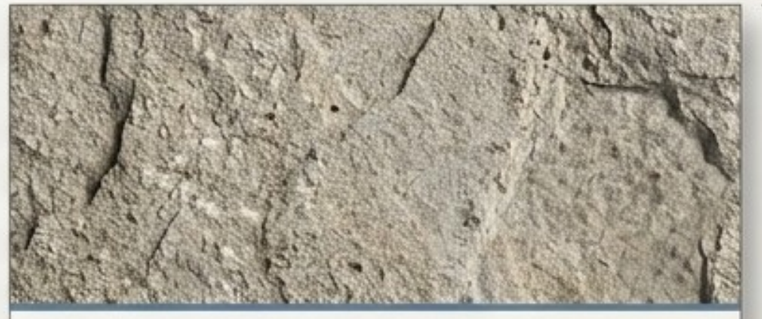
GVT & DCVT



Nano Vitrified Tiles

Porcelain Slabs
(Up to 1200x2400 mm)

Wood-Look Plank Tiles



Countertop & Outdoor Anti-Skid Tiles

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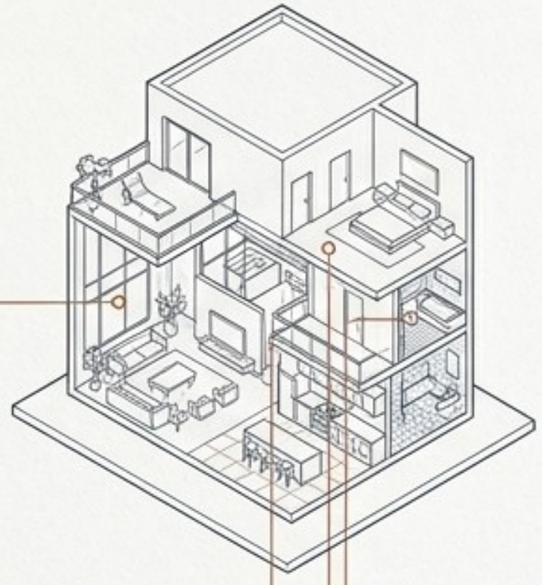
The Application Heatmap

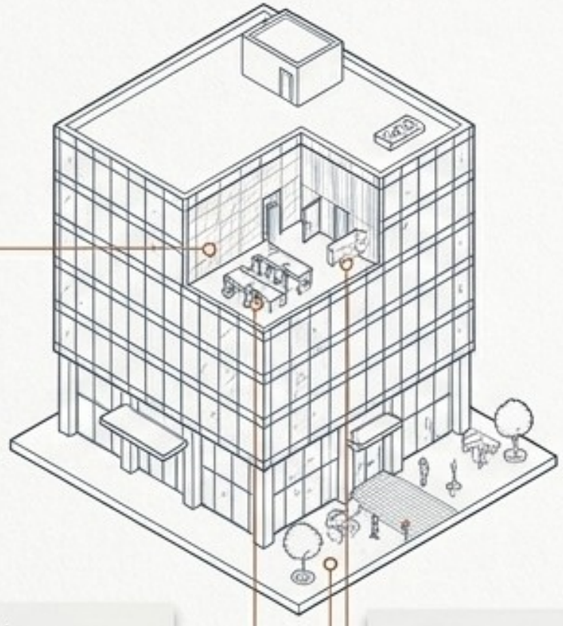
Streamlining quotations by matching precise vitrified technologies to distinct architectural zones.

Residential



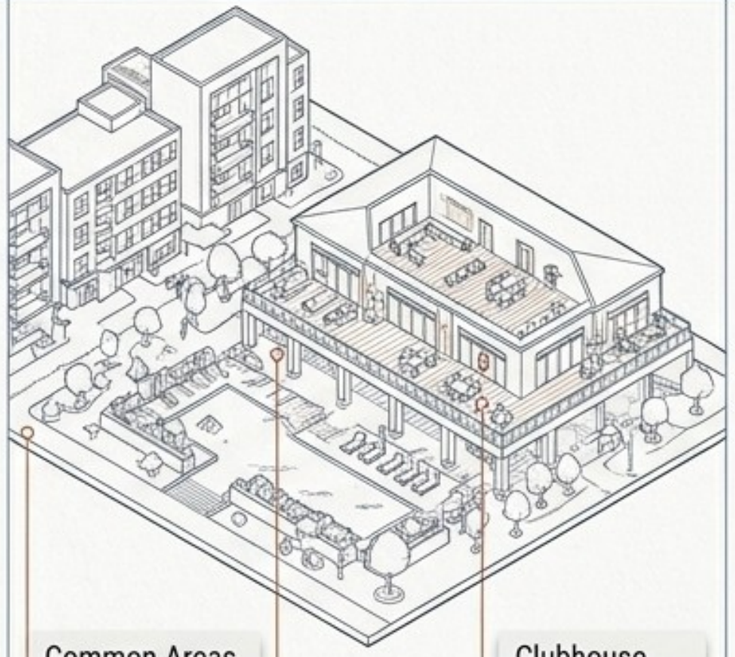
- Living Room: GVT 800x800 / 600x1200
- Bedroom: GVT 600x600
- Bathroom: Ceramic Wall + Anti-skid
- Kitchen: Nano Vitrified

Commercial



- Lobby: DCVT
- Feature Wall: Porcelain Slabs
- Restroom: Ceramic Wall
- Outdoor Plaza: Anti-skid

Large Developments



- Common Areas: Large-format GVT
- Terraces: Weatherproof Outdoor
- Clubhouse: Wood-look Planks

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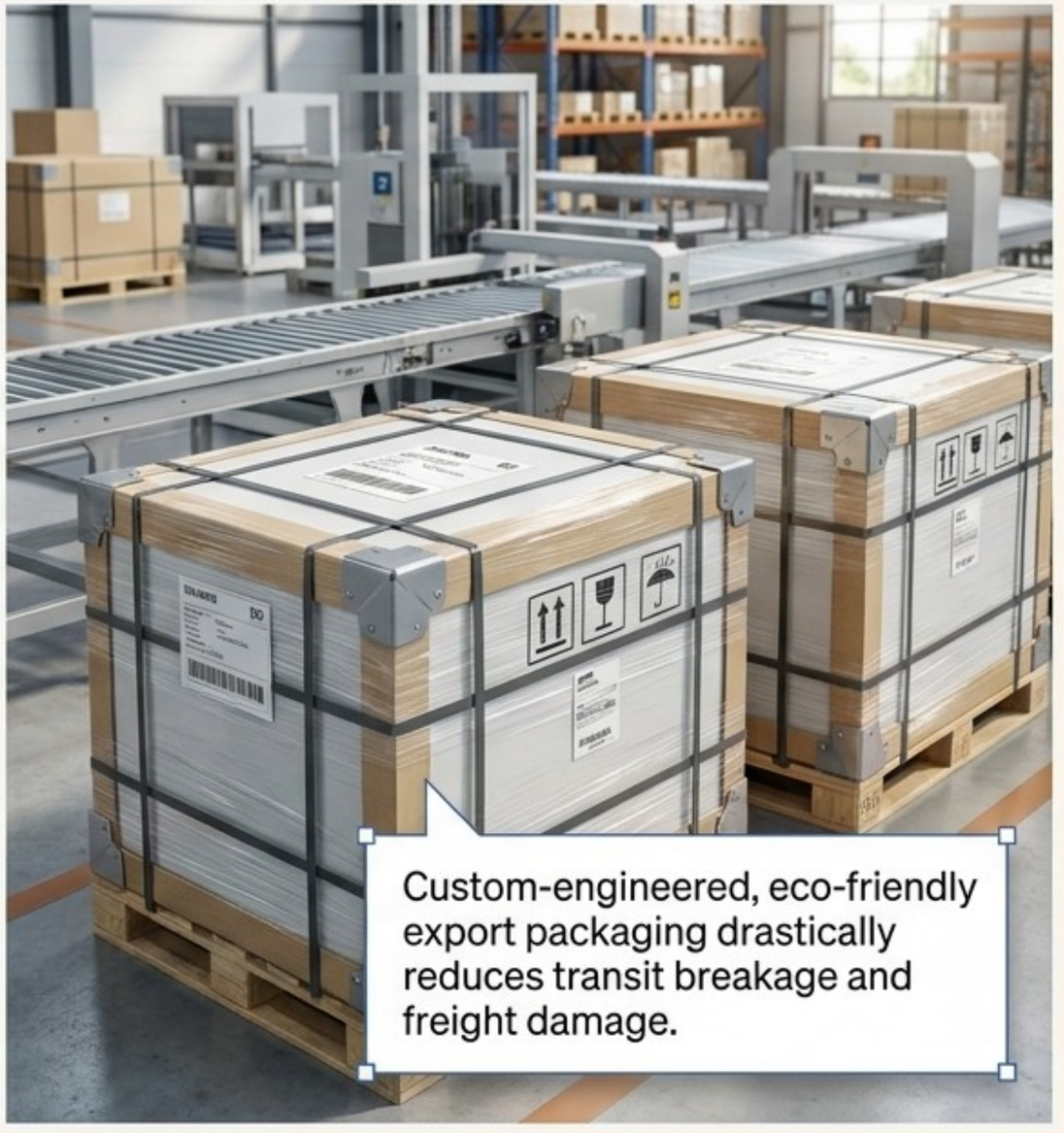
Engineered for Structural Integrity and Safe Transit

Protecting project budgets through uncompromising adherence to BIS standards and intelligent packaging design.

- **IS 15622 Compliant**
- **Optimized Mohs Hardness**
- **Calibrated Delta E Control**



Custom-engineered, eco-friendly export packaging drastically reduces transit breakage and freight damage.

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Streamlined Digital Procurement

A B2B workflow designed specifically to accelerate project timelines and simplify bulk ordering.

A B2B workflow designed specifically to accelerate project timelines and simplify bulk ordering.

01

Step 1: Specify

Submit dedicated request forms detailing tile type, size, finish, and volume.

02

Step 2: Tailored Quote

Receive highly customized, bulk-scale pricing and technical documentation directly from the B2B desk.

03

Step 3: Centralized Logistics

Orkay's Morbi facility handles direct B2B freight, while a robust domestic dealer network supports regional distribution.

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Essential B2B Procurement Parameters

Core logistical metrics required for precision project planning.

01

Minimum Order Volume

Orders commence at one full container load (typically 1,500–2,000 sq.m, optimized for size).

02

Scheduled Lead Times

In-stock product dispatch in 7–15 working days. Custom engineering runs require 20–30 working days.

03

Compliance & Standards

Comprehensive adherence to IS 15622 standards. Full product test certificates provided upon request.

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Initiate Project Sourcing

The sourcing decisions made today dictate project performance for decades. Partner with India’s manufacturing leader.

Request Project Quote

Our specialized export and project team responds within 24 hours.

orkaytiles.com | Download Product Catalogues | Request Physical Samples

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